LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058255.D
Acq On : 15 Jul 2023 9:47
Operator : CG/JU
Sample : PB154013BL
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK013

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG058255.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.347	40	44	49	rVB2	12261	17613	0.75%	0.086%
2	3.758	109	114	132	rBV	173536	321088	13.76%	1.569%
3	4.087	167	170	180	rVB6	3425	6443	0.28%	0.031%
4	7.066	670	677	690	rBV	209862	377240	16.17%	1.844%
5	7.230	698	705	718	rVB	136478	251374	10.78%	1.229%
6	7.436	732	740	752	rVB	176735	314757	13.49%	1.538%
7	7.900	808	819	828	rBV	170461	298558	12.80%	1.459%
8	8.605	930	939	954	rBV	286410	532761	22.84%	2.604%
9	9.064	1009	1017	1032	rBV	213063	392323	16.82%	1.917%
10	9.786	1132	1140	1154	rBV	185927	340303	14.59%	1.663%
11	10.327	1222	1232	1244	rBV	307815	568293	24.36%	2.777%
12	10.703	1289	1296	1308	rVB	267888	498136	21.35%	2.435%
13	10.838	1312	1319	1333	rBV	316439	619257	26.54%	3.026%
14	12.225	1550	1555	1562	rVB5	3567	6436	0.28%	0.031%
15	12.289	1562	1566	1571	rBV2	4869	7449	0.32%	0.036%
16	13.423	1755	1759	1765	rVB2	3217	4770	0.20%	0.023%
17	13.946	1841	1848	1858	rBV	686853	1036250	44.42%	5.064%
18	14.234	1890	1897	1910	rBV2	741823	1225539	52.53%	5.990%
19	14.539	1942	1949	1960	rBV	455448	719291	30.83%	3.515%
20	14.745	1977	1984	2010	rBV	228791	487007	20.88%	2.380%
21	14.939	2015	2017	2021	rVV3	2036	3829	0.16%	0.019%
22	15.532	2110	2118	2129	rBV	1031989	1597773	68.49%	7.809%
23	15.650	2133	2138	2151	rVV	277238	431555	18.50%	2.109%
24	15.773	2156	2159	2164	rVB3	5038	6663	0.29%	0.033%
25	17.283	2409	2416	2426	rBV	578465	902956	38.71%	4.413%
26	17.383	2426	2433	2449	rVV	1156612	1793091	76.86%	8.763%
27	17.671	2476	2482	2484	rBV	1174	2335	0.10%	0.011%
28	17.695	2484	2486	2495	rVB	1379	2477	0.11%	0.012%
29	18.241	2572	2579	2585	rBV2	2375	3779	0.16%	0.018%
30	19.240	2744	2749	2754	rBV3	15842	22620	0.97%	0.111%
31	19.310	2756	2761	2764	rVV	13598	20903	0.90%	0.102%
32	19.334	2764	2765	2772	rVB3	4593	6588	0.28%	0.032%
33	19.592	2803	2809	2814	rVV2	6518	9373	0.40%	0.046%
34	19.675	2816	2823	2840	rBV	1438953	2133576	91.46%	10.427%
35	20.626	2982	2985	2989	rVV3	9506	10798	0.46%	0.053%
36	20.691	2995	2996	3000	rVB3	3520	4009	0.17%	0.020%

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Instrument :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Title : SVOA CALIBRATION

37	21.537	3133	3140	3149	rBV2	571650	958822	41.10%	4.686%
38	21.713	3167	3170	3175	rVB6	7394	9888	0.42%	0.048%
39	22.307	3265	3271	3275	rBV4	14891	27487	1.18%	0.134%
40	22.971	3378	3384	3391	rVB2	27956	55258	2.37%	0.270%
41	23.752	3511	3517	3526	rBV	44185	98193	4.21%	0.480%
42	24.469	3626	3639	3656	rBV2	804203	2332900	100.00%	11.401%
43	24.681	3664	3675	3691	rVB2	416503	1219258	52.26%	5.959%
44	25.767	3851	3860	3871	rBV4	61209	187539	8.04%	0.917%
45	27.084	4073	4084	4097	rVB3	67158	244557	10.48%	1.195%
46	27.166	4097	4098	4102	rBV4	3446	3936	0.17%	0.019%
47	27.201	4102	4104	4108	rBV5	2954	3913	0.17%	0.019%
48	27.871	4216	4218	4221	rBV3	3328	2383	0.10%	0.012%
49	28.658	4343	4352	4364	rVB3	42405	168981	7.24%	0.826%
50	30.568	4665	4677	4693	rVB5	33603	171108	7.33%	0.836%

Sum of corrected areas: 20461436

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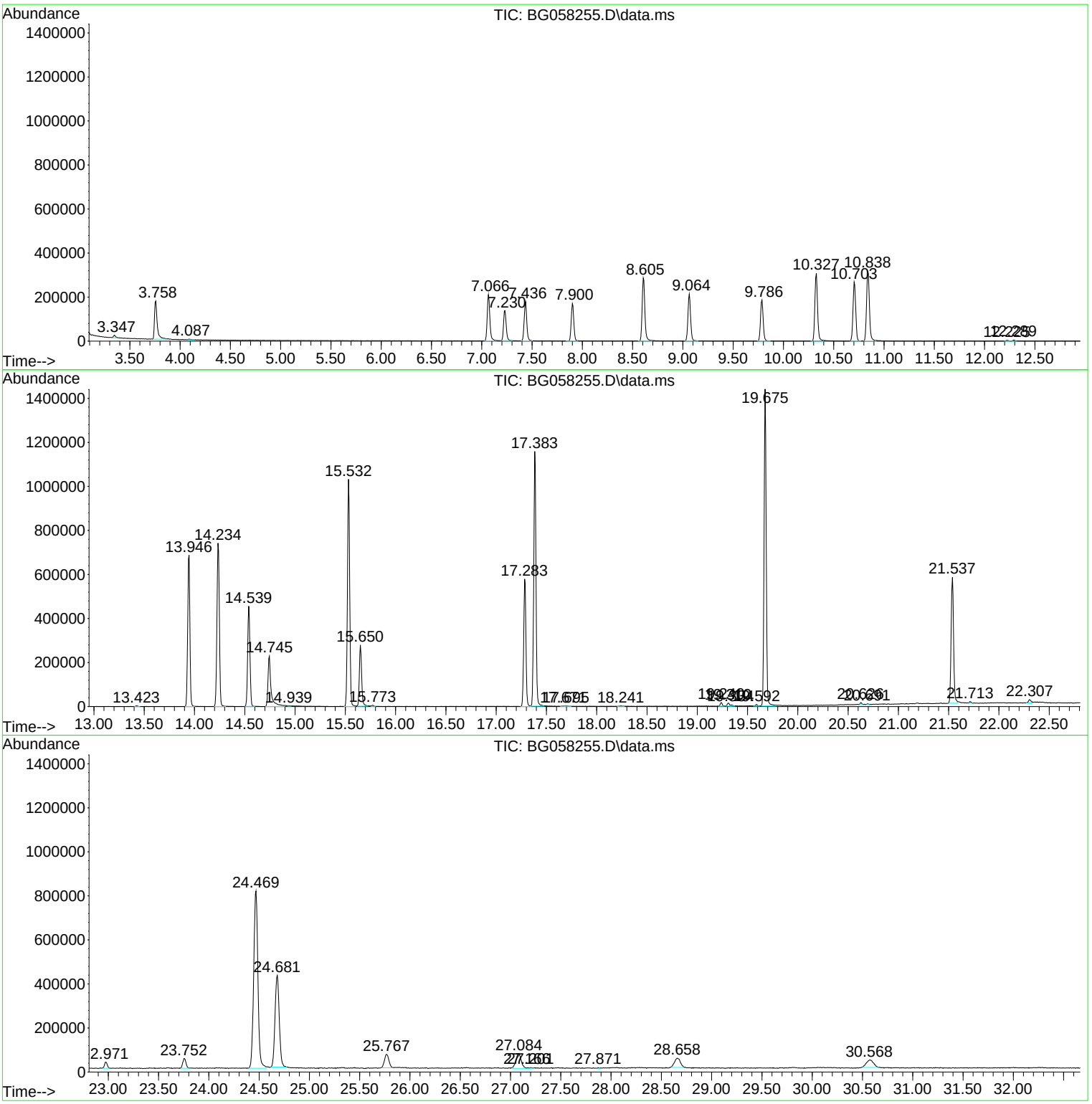
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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Data File : BG058255.D
Acq On : 15 Jul 2023 9:47
Operator : CG/JU
Sample : PB154013BL
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK013

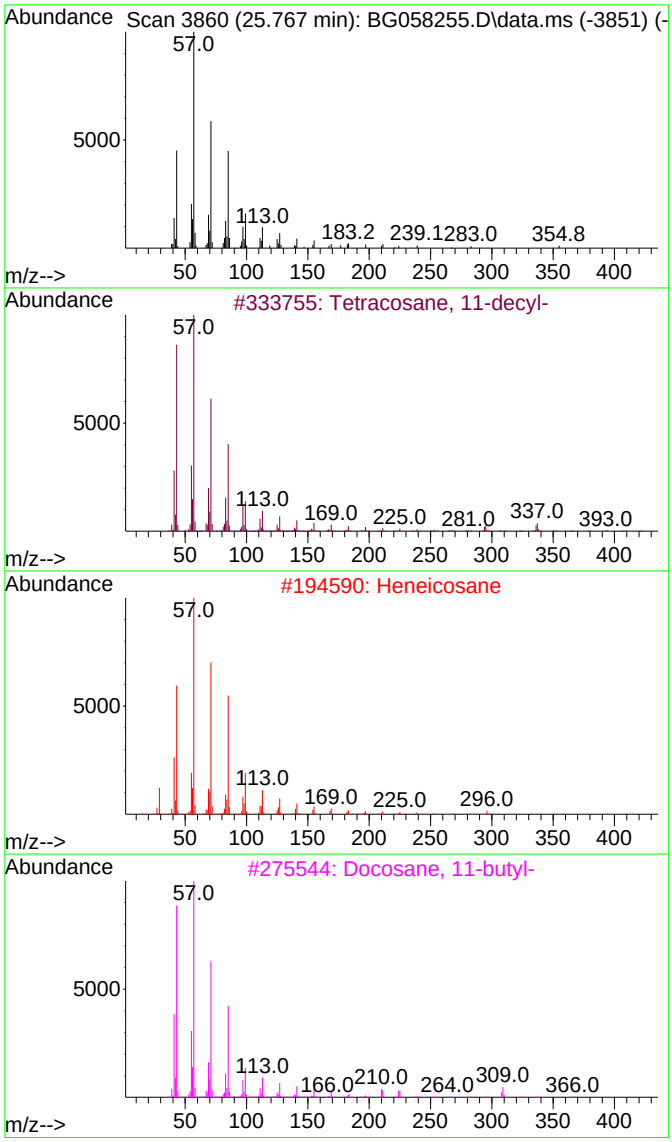
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

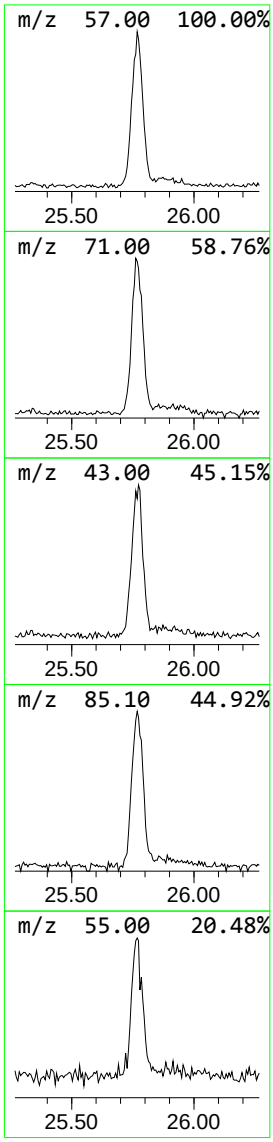
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.767	3.08 ng/ul	187539	Perylene-d12	24.680

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Pentacosane	352	C25H52	000629-99-2	91





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ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK013

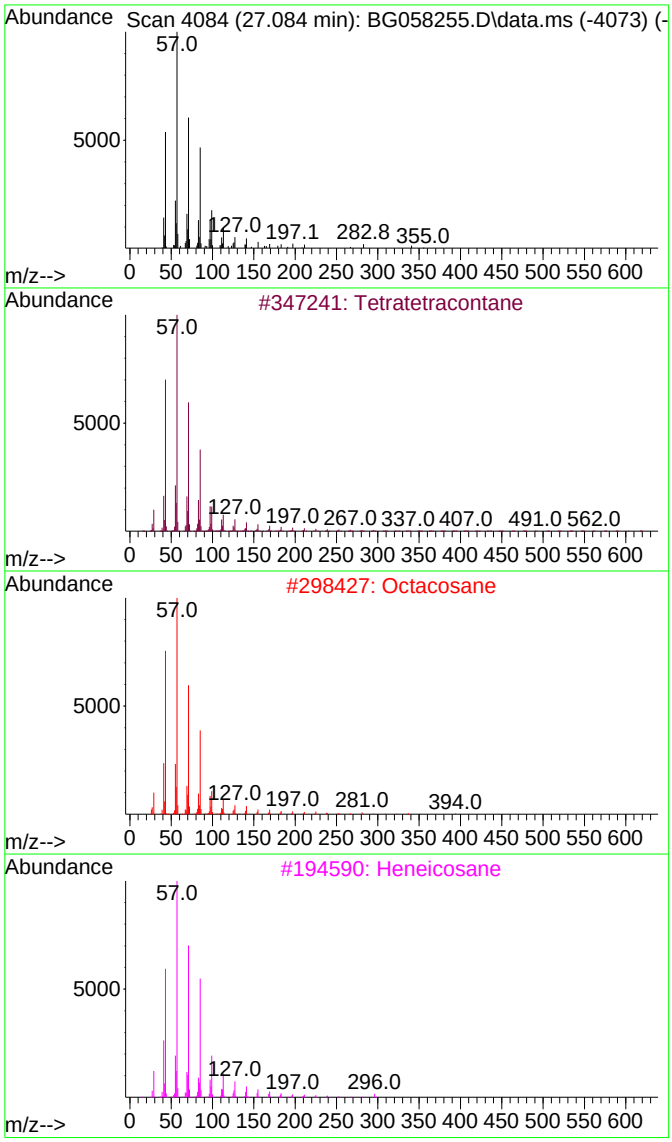
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

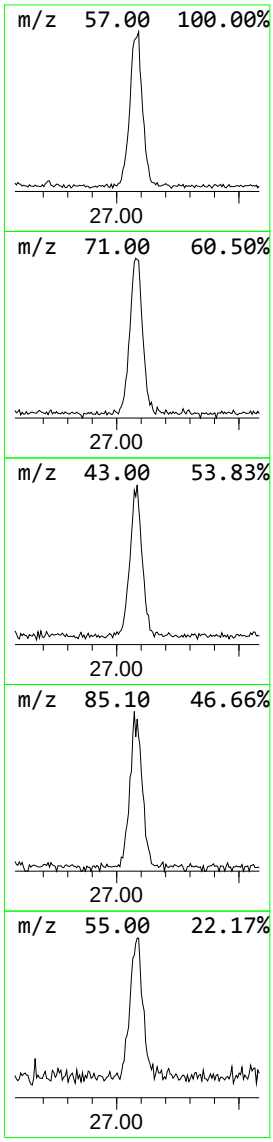
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.084	4.01 ng/ul	244557	Perylene-d12	24.680

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Hexatriacontane	507	C36H74	000630-06-8	91





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Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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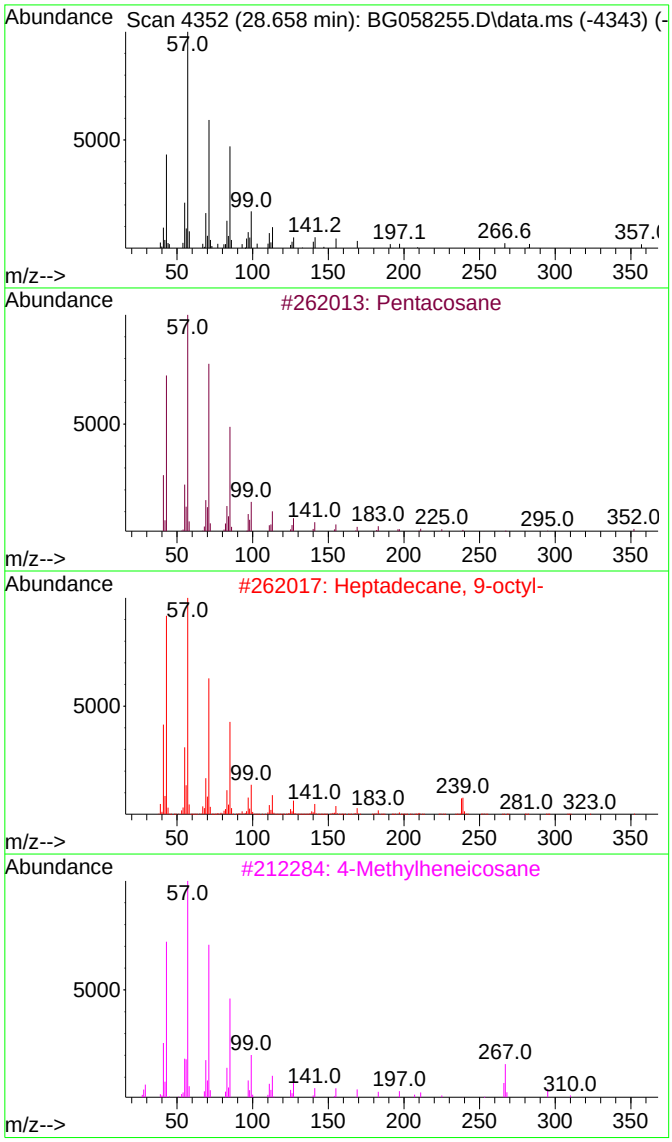
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

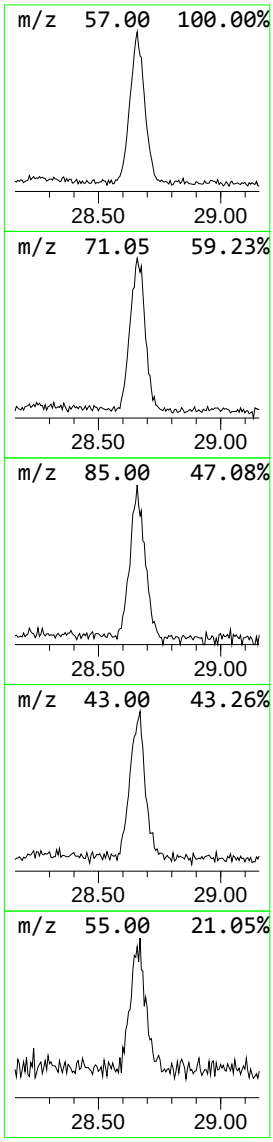
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.658	2.77 ng/ul	168981	Perylene-d12	24.680

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	4-Methylheneicosane	310	C22H46	025117-29-7	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90





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Operator : CG/JU
Sample : PB154013BL
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK013

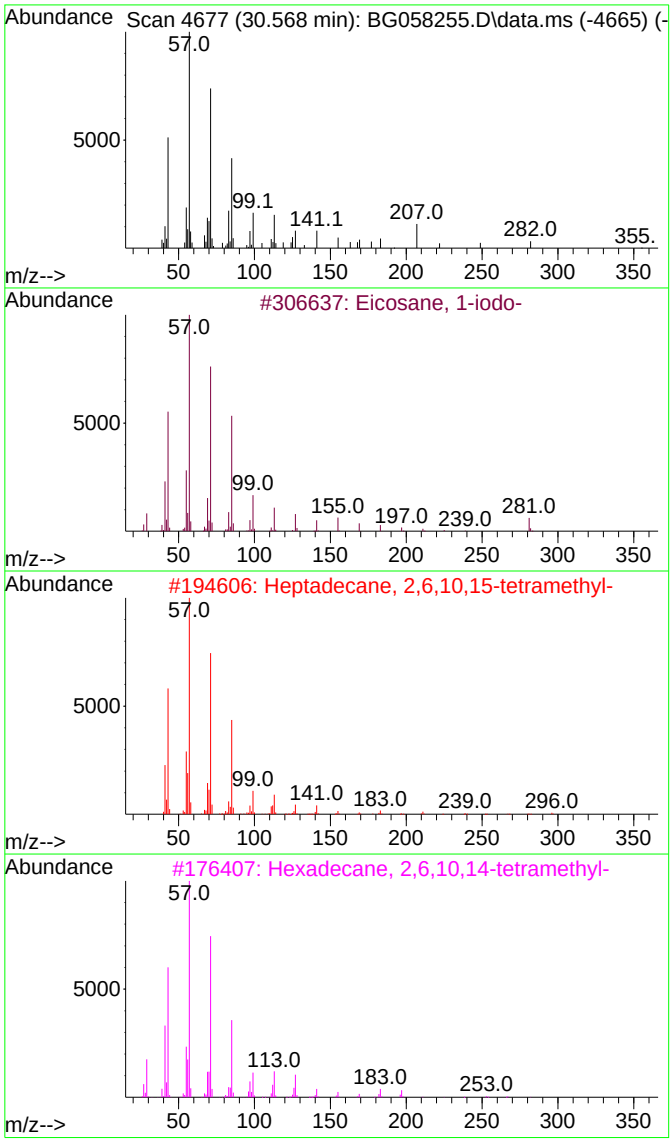
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

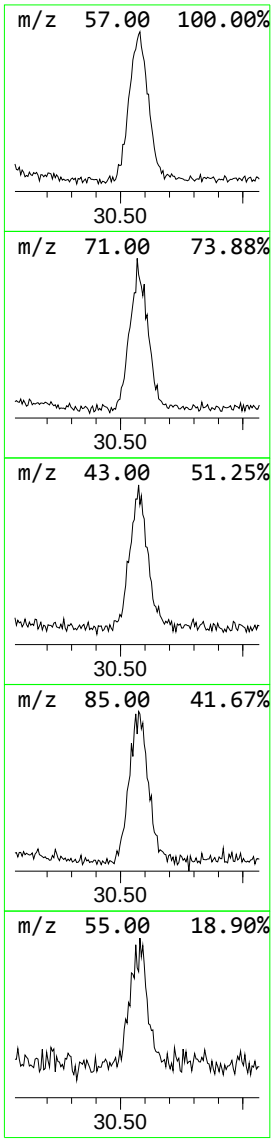
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Eicosane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.568	2.81 ng/ul	171108	Perylene-d12	24.680

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	87
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Eicosane	282	C20H42	000112-95-8	81





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	25.767	3.1	ng/ul	187539	6	24.680	1219260	20.0
(DEL) Alkane: S...	27.084	4.0	ng/ul	244557	6	24.680	1219260	20.0
(DEL) Alkane: S...	28.658	2.8	ng/ul	168981	6	24.680	1219260	20.0
Eicosane, 1-iodo-	30.568	2.8	ng/ul	171108	6	24.680	1219260	20.0